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DOCKET NO.: H0498.70153US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mara G. Prentiss, et al.  
Serial No.: 09/997,998  
Confirmation No.: 4037  
Filed: November 30, 2001  
For: MICROMAGNETIC SYSTEMS AND METHODS FOR  
MICROFLUIDICS

**RECEIVED**

OCT 27 2004

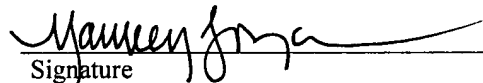
**GROUP 3600**

Examiner: Joseph C. Rodriguez  
Art Unit: 3653

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**RESPONSE**

Sir:

In response to the Office Action mailed April 20, 2004, Applicants respectfully request reconsideration in view of the following remarks.

**The Claims** are reflected in the listing of claims that begins on page 2.

**Remarks** begin on page 14.